Provisorische Checklist der Zikaden der Schweiz (Insecta: Hemiptera, Auchenorrhyncha)

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Abstract

A preliminary checklist of 422 in Switzerland hitherto recorded Auchenorrhyncha is presented.

Einleitung

Nur wenig Entomologen haben sich in den letzten 100 Jahren mit der Schweizer Zikadenfauna auseinander gesetzt. Angaben über Zikaden stammen von HOFFMÄNNER (1924), CERUTTI (1938, 1939a, 1939b, 1939c), Günthart (1971, 1974, 1984, 1987a, 1987b, 1994, 1997, 2000) und MÜHLETHALER (2001). Die vorliegende, provisorische Liste stellt einen ersten Schritt zur Bearbeitung der Schweizer Zikadenfauna dar, die Teil der Checklist der Schweizer Hemipteren sein wird. Im Katalog der palaearktischen Auchenorrhyncha von NAST (1972) mit Ergänzungen (NAST 1979, 1982, 1987) können zwar Informationen über die Schweizer Fauna gefunden werden, es verbergen sich darunter aber auch fälschlicherweise Angaben über die Sächsische Schweiz (BRD). Deswegen haben wir uns entschlossen, bis zur vollständigen Überprüfung der Angaben von NAST sowie der Revision von Schweizer Museumsmaterial nur diejenigen Arten in die Liste aufzunehmen, die in den Sammlungen Günthart und Mühlethaler mit Schweizer Fundorten vorhanden sind (mit Ausnahme der Singzikaden - siehe SCHEDL 2000). Ausserdem wurden Arten, die von den Autoren im Schweizer Grenzgebiet gesammelt wurden und in NAST (1972, 1979, 1982, 1987) oder neuerer Literatur für die Schweiz gemeldet sind, ebenfalls in die Liste aufgenommen und entsprechend markiert. Es werden somit 422 Arten aus der Schweiz und 10 Arten aus dem angrenzenden Ausland gemeldet. Die letzteren Arten sind auch in der Schweiz zu erwarten.

Artenliste

Nachfolgend werden die Arten der Schweiz in systematischer Reihenfolge (Reihung und Nomenklatur weitgehend nach HOLZINGER et al. 1997) angeführt. Die Abkürzungen verweisen auf Nachweise von:

G = Günthart

G* = Günthart im angrenzenden Ausland, bislang aber nicht aus der Schweiz

M = Mühlethaler

M* = Mühlethaler im angrenzenden Ausland, bislang aber nicht aus der Schweiz

| Art | Nachweis | Bemerkung |
|--|----------|---------------------|
| Fam. Cixiidae | | |
| Cixius nervosus (LINNAEUS 1758) | G/M | |
| Cixius cunicularius (LINNAEUS 1767) | G | |
| Cixius pallipes Fieber 1876 | G* | |
| Cixius alpestris WAGNER 1939 | G | |
| Cixius heydenii Kirschbaum 1868 | G | |
| Cixius haupti Dlabola 1949 | G | |
| Cixius cambricus CHINA 1935 | G | |
| Cixius dubius WAGNER 1939 | G | |
| Cixius stigmaticus (GERMAR 1818) | G | Neu für die Schweiz |
| Tachycixius pilosus (OLIVIER 1791) | G/M | |
| Pentastiridius leporinus (LINNAEUS 1761) | G | |
| Pentastiridius beieri (WAGNER 1970) | G | |
| Reptalus cuspidatus (FIEBER 1876) | G | |
| Reptalus panzeri (Lōw 1883) | G | |
| Hyalesthes obsoletus SIGNORET 1865 | G | |
| Fam. Delphacidae | | |
| Asiraca clavicornis (FABRICIUS 1794) | G/M | |
| Kelisia guttula (GERMAR 1818) | G | |
| Kelisia vittipennis (J. Sahlberg 1868) | G | |
| Kelisia pallidula (BOHEMAN 1847) | G | |
| Kelisia ribauti WAGNER 1938 | G | |
| Kelisia monoceros RIBAUT 1934 | G/M | |
| Anakelisia perspicillata (BOHEMAN 1845) | G | |
| Stenocranus major (Kirschbaum 1868) | G | |
| Stenocranus minutus (FABRICIUS 1787) | G/M | |
| Stenocranus fuscovittatus (STÅL 1858) | G | |
| Megamelus notula (GERMAR 1830) | G | |

| Art | Nachweis | Bemerkung |
|--|----------|-----------------------|
| Conomelus anceps (GERMAR 1821) | G | |
| Eurysa lineata (Perris 1857) | G | |
| Eurysula lurida (FIEBER 1866) | G | |
| Eurybregma nigrolineata Scott 1875 | G/M | |
| Stiroma affinis FIEBER 1866 | G . | |
| Stiroma bicarinata (Herrich-Schäffer 1835) | G | |
| Metropis inermis Wagner 1939 | G | |
| Metropis mayri FIEBER 1866 | G | |
| Delphax crassicornis (PANZER 1796) | G | |
| Delphax pulchellus (Curtis 1833) | G | |
| Chloriona unicolor (Herrich-Schäffer 1835) | G | |
| Chloriona sicula Matsumura 1910 | G | |
| Chloriona smaragdula (STÅL 1853) | G/M | |
| Megadelphax sordidulus (STAL 1853) | G/M_ | |
| Laodelphax striatellus (FALLÉN 1826) | G/M | |
| Ditropsis flavipes (SIGNORET 1865) | G/M | |
| Hyledelphax elegantulus (BOHEMAN 1847) | G | |
| Muellerianella brevipennis (BOHEMAN 1847) | G/M | |
| Muirodelphax aubei (Perris 1857) | G | |
| Kosswigianella exigua (Boheman 1847) | G | |
| Acanthodelphax spinosus (FIEBER 1866) | G/M | |
| Nothodelphax albocarinatus (STAL 1858) | G | |
| Dicranotropis hamata (Boheman 1847) | G/M | |
| Dicranotropis divergens Kirschbaum 1868 | G | |
| Xanthodelphax stramineus (STÅL 1858) | G/M | |
| Paradelphacodes paludosa (FLOR 1861) | G* | |
| Criomorphus albomarginatus Curtis 1833 | G | |
| Toya propinqua (FIEBER 1866) | G/M | |
| Javesella discolor (Boheman 1847) | G | |
| Javesella pellucida (FABRICIUS 1794) | G/M | |
| Javesella dubia (Kirschbaum 1868) | G/M | |
| Javesella obscurella (BOHEMAN 1847) | G / M | |
| Javesella forcipata (BOHEMAN 1847) | G | 1,000 |
| Ribautodelphax albostriatus (FIEBER 1866) | G/M | |
| Ribautodelphax collinus (BOHEMAN 1847) | G | Neu für die Schweiz |
| Ribautodelphax pungens (RIBAUT 1953) | G/M | |
| Fam. Achilidae | | |
| Cixidia marginicollis (SPINOLA 1839) | G | sensu Wagner 1959 |
| Fam. Dictyopharidae | | |
| Dictyophara europaea (LINNAEUS 1767) | G/M | |
| Fam. Tettigometridae | _ | |
| Tettigometra impressopunctata Dufour 1846 | G* | Nast (1987) |
| Tettigometra virescens (PANZER 1799) | G | |
| Fam. Caliscelidae | _ | |
| Ommatidiotus dissimilis (FALLÉN 1806) | G | |
| Fam. Issidae | | |
| Issus coleoptratus (FABRICIUS 1781) | G/M | |
| Issus muscaeformis (Schrank 1781) | G | |
| Fam. Flatidae | | D |
| Metcalfa pruinosa (SAY 1830) | G* | Bonavia et al. (1995) |
| Fam. Cicadidae | | C (2000) |
| Lyristes plebejus (SCOPOLI 1763) | | SCHEDL (2000) |
| Cicada orni Linnaeus 1758 | G* | SCHEDL (2000) |
| Cicadetta montana (Scopou 1772) | G | (2000) |
| Cicadatra atra (OLIVIER 1790) | | SCHEDL (2000) |
| Tibicina haematodes (Scorou 1763) | | SCHEDL (2000) |
| Tibicina quadrisignata (HAGEN 1855) | | SCHEDL (2000) |
| Fam. Cercopidae | | |
| Cercopis sanguinolenta (SCOPOLI 1763) | G | |
| Cercopis vulnerata Rossi 1807 | G/M | |

| Art | Nachweis | Bemerkung |
|--|----------|--|
| Haematoloma dorsatum (Ahrens 1812) | M | 3 |
| Fam. Aphrophoridae | | |
| Lepyronia coleoptrata (LINNAEUS 1758) | G/M | |
| Neophilaenus albipennis (FABRICIUS 1798) | G | |
| Neophilaenus campestris (FALLÉN 1805) | G/M | |
| Neophilaenus exclamationis (Thunberg 1784) | G | |
| Neophilaenus infumatus (HAUPT 1917) | G | |
| Neophilaenus lineatus (LINNAEUS 1758) | G | |
| Neophilaenus minor (Kırschbaum 1868) | G | |
| Aphrophora alni (FALLÉN 1805) | G/M | |
| Aphrophora alpina MELICHAR 1900 | G | |
| Aphrophora corticea GERMAR 1821 | G | |
| Aphrophora costalis Matsumura 1903 | G | |
| Aphrophora salicina (GOEZE 1778) | G/M | |
| Philaenus spumarius (LINNAEUS 1758) | G/M | |
| Fam. Membracidae | | NAME OF THE OWNER OWNER OF THE OWNER OWNE |
| Gargara genistae (FABRICIUS 1775) | G | |
| Centrotus cornutus (LINNAEUS 1758) | G | |
| Stictocephala bisonia Kopp & Yonke 1977 | G/M | |
| Fam. Cicadellidae | | |
| Ulopa reticulata (FABRICIUS 1794) | G | |
| Ulopa trivia GERMAR 1821 | G | |
| Megophthalmus scanicus (FALLÉN 1806) | G/M | |
| Ledra aurita (LINNAEUS 1758) | G | |
| Oncopsis alni (Schrank 1801) | G | |
| Oncopsis tristis (ZETTERSTEDT 1840) | G | **** |
| Oncopsis carpini (J. SAHLBERG 1871) | G/M | |
| Oncopsis flavicollis (LINNAEUS 1761) - Gruppe | G/M | |
| Oncopsis subangulata (J. SAHLBERG 1871) | G/M | |
| Pediopsis tiliae (GERMAR 1831) | G/M | |
| Macropsis albae WAGNER 1950 | G | |
| Macropsis cerea (GERMAR 1837) | G | Neu für die Schweiz |
| Macropsis fuscinervis (Вонеман 1845) | G | |
| Macropsis fuscula (ZETTERSTEDT 1828) | G | |
| Macropsis graminea (FABRICIUS 1798) | G/M | |
| Macropsis impura (Boheman 1847) | G | |
| Macropsis infuscata (J. Sahlberg 1871) | G | |
| Macropsis marginata (Herrich-Schäffer 1836) | G | |
| Macropsis prasina (Boheman 1852) | G | |
| Macropsis scotti Edwards 1920 | G | |
| Macropsis scutellata (Boheman 1845) | G | |
| Macropsis vestita RIBAUT 1952 | G | |
| Agallia brachyptera (Boheman 1847) | G | |
| Agallia consobrina Curtis 1833 | M | · |
| Anaceratagallia austriaca Wagner 1955 | G | |
| Anaceratagallia ribauti (Ossiannilsson 1938) | G/M | |
| Anaceratagallia venosa (Fourcroy 1785) | G | |
| Austroagallia sinuata (Mulsant & Rey 1855) | G | |
| Dryodurgades dlabolai Wagner 1963 | G | |
| Dryodurgades reticulatus (Herrich-Schäffer 1834) | G | |
| Rhytidodus decimusquartus (SCHRANK 1776) | G | |
| Idiocerus lituratus (FALLÉN 1806) | G | |
| Idiocerus vicinus MELICHAR 1898 | G/M | |
| Idiocerus similis Kirschbaum 1868 | G | |
| Idiocerus stigmaticalis LEWIS 1834 | G/M | and the second s |
| Idiocerus herrichii (Kırschbaum 1868) | G/M | *** |
| Metidiocerus elegans FLOR 1861 | G | |
| Metidiocerus rutilans Kırschbaum 1868 | G | |
| TVICTIOIOCCI US TUTTIONIS KIRSCHIBAOM 1000 | | |
| Metidiocerus impressifrons Kırschbaum 1868 | G | |

| Art | Nachweis | Bemerkung |
|--|----------|-----------------------|
| Tremulicerus tremulae (ESTLUND 1796) | G | |
| Tremulicerus vitreus (FABRICIUS 1803) | G/M | sensu Ribaut 1952 |
| Tremulicerus fulgidus FABRICIUS 1775 | M | Taxonomie noch unklar |
| Tremulicerus cupreus (Kırschbaum 1868) | | Taxonomie noch unklar |
| Tremulicerus fuchsii Kirschbaum 1868 | G , | |
| Viridicerus ustulatus (Mulsant & Rey 1855) | G | |
| Populicerus albicans Kırschbaum 1868 | G | |
| Populicerus confusus FLOR 1861 | G | |
| Populicerus nitidissimus (Herrich-Schäffer 1835) | G | |
| Populicerus laminatus FLOR 1861 | G | |
| Populicerus populi (LINNAEUS 1761) | G | |
| Acericerus heydenii Kırschbaum 1868 | G/M_ | |
| Acericerus rotundifrons Kirschbaum 1868 | G* / M | Neu für die Schweiz |
| Acericerus vittifrons Kırschbaum 1868 | G | |
| lassus lanio (Linnaeus 1761) | G/M | |
| Penthimia nigra (GOEZE 1778) | G | |
| Eupelix cuspidata (FABRICIUS 1775) | G/M | |
| Aphrodes bicinctus (Schrank 1776) | G | |
| Aphrodes makarovi Zachvatkin 1948 | G/M | |
| Aphrodes carinatus (STAL 1864) | G | |
| | G | |
| Planaphrodes bifasciata (LINNAEUS 1758) | G | |
| Planaphrodes nigritus (KIRSCHBAUM 1868) | | 4053 |
| Planaphrodes trifasciata (Fourcroy 1785) | G | sensu Ribaut 1952 |
| Anoscopus albifrons (LINNAEUS 1758) | G | |
| Anoscopus albiger (GERMAR 1821) | G* | |
| Anoscopus assimilis (SIGNORET 1879) | G | |
| Anoscopus flavostriatus (Donovan 1799) | G | |
| Anoscopus serratulae (FABRICIUS 1775) | G | |
| Evacanthus acuminatus (FABRICIUS 1794) | G | |
| Evacanthus interruptus (LINNAEUS 1758) | G | |
| Errhomenus brachypterus FIEBER 1866 | G/M | |
| Cicadella viridis (LINNAEUS 1758) | G/M | |
| Graphocephala fennahi Young 1977 | G/M | |
| Alebra neglecta WAGNER 1940 | G/M | |
| Alebra coryli Le Quesne 1976 | G/M | |
| Alebra wahlbergi (BOHEMAN 1845) | G/M | |
| Alebra albostriella (FALLÉN 1826) | G/M | |
| Alebra viridis Rey 1824 | G | |
| Erythria aureola (FALLÉN 1806) | G | |
| Erythria manderstjernii (Kırschbaum 1868) | G | |
| Erythria pedemontana Vidano 1959 | G | |
| Emelyanoviana mollicula (Вонеман 1845) | G/M | |
| Dikraneura variata HARDY 1850 | G/M | |
| Micantulina micantula (ZETTERSTEDT 1840) | G | |
| Micantulina teucrii (CERUTTI 1938) | G | |
| Wagneriala minima (J. SAHLBERG 1871) | G | |
| | G/M | |
| Forcipata citrinella (ZETTERSTEDT 1828) | | |
| Forcipata forcipata (FLOR 1861) | G | |
| Forcipata major (WAGNER 1948) | G | |
| Forcipata obtusa VIDANO 1965 | <u> </u> | |
| Notus flavipennis (ZETTERSTEDT 1828) | G | |
| Empoasca affinis NAST 1937 | G/M_ | |
| Empoasca apicalis (FLOR 1861) | G | |
| Empoasca decipiens PAOLI 1930 | G/M_ | |
| Empoasca (Asymmetrasca) decedens PAOLI 1932 | <u> </u> | |
| Empoasca pteridis (DAHLBOM 1850) | G / M | |
| Empoasca vitis (Gōтне 1875) | G/M_ | |
| Kybos austriacus (WAGNER 1949) | G | |
| Kybos luda Davidson & DELONG 1938 | G | |
| Kybos butleri (EDWARDS 1908) | G* / M | |

| Art | Nachweis | Bemerkung |
|---|------------|--|
| Kybos lindbergi (LINNAVUORI 1951) | М | |
| Kybos mucronatus (RIBAUT 1933) | G | |
| Kybos populi (Edwards 1908) | G | |
| Kybos rufescens Melichar 1896 | G/M | |
| Kybos smaragdulus (FALLÉN 1806) | G/M | |
| Kybos strigilifer (Ossiannilsson 1941) | G/M | |
| Kybos strobli (WAGNER 1949) | G | |
| Kybos verbae Zachvatkin 1953 | G | |
| Kybos virgator (RIBAUT 1933) | G/M | |
| Kybos volgensis VILBASTE 1961 | G/M | Taxonomie noch unklar |
| Austroasca vittata (Lethierry 1884) | G | |
| Chlorita viridula (FALLÉN 1806) | G | |
| Eremochlorita tesselata Lethierry 1884 | G | |
| Fagocyba carri (Edwards 1914) | G | |
| Fagocyba cruenta (Herrich-Schäffer 1838) | G | |
| Fagocyba douglasi (EDWARDS 1878) | G/M | |
| Ficocyba ficaria (Horváth 1897) | G | |
| Ossiannilssonola callosa (THEN 1886) | G | |
| Edwardsiana alnicola (EDWARDS 1924) | G | |
| Edwardsiana avellanae (EDWARDS 1888) | G/M | |
| Edwardsiana bergmani (TULLGREN 1916) | G | |
| Edwardsiana candidula (KIRSCHBAUM 1868) | G | |
| Edwardsiana crataegi (Douglas 1876) | G/M | |
| Edwardsiana diversa (EDWARDS 1914) | G | |
| Edwardsiana flavescens (FABRICIUS 1794) | G/M | |
| Edwardsiana frustrator (EDWARDS 1908) | G/M | |
| Edwardsiana geometrica (SCHRANK 1801) | G | |
| Edwardsiana gratiosa (BOHEMAN 1952) Edwardsiana ulmiphagus WILSON & CLARIDGE 1999 | G / M | = E. hippocastani |
| Edwardsiana dimiphagus Wilson & Clarible 1999 | G71W | (EDWARDS 1888) sensu RIBAUT 1936 (vgl. WILSON & CLARIDGE 1999) |
| Edwardsiana ishidai (MATSUMURA 1932) | G | |
| Edwardsiana lethierryi (Edwards 1881) | G | sensu Ribaut 1936 |
| Edwardsiana nigriloba (Edwards 1924) | G | |
| Edwardsiana platanicola (VIDANO 1961) | G | |
| Edwardsiana plebeja (EDWARDS 1914) | G | |
| Edwardsiana prunicola (Edwards 1914) | G | |
| Edwardsiana rosae (LINNAEUS 1758) | G/M | |
| Edwardsiana rosaesugans (CERUTTI 1939) | G | |
| Edwardsiana salicicola (EDWARDS 1885) | G/M | |
| Edwardsiana smreczynskii Dworakowska 1971 | M/G* | |
| Edwardsiana soror (LINNAVUORI 1950) | G | |
| Edwardsiana spinigera (EDWARDS 1924) | G | |
| Edwardsiana staminata (RIBAUT 1931) | G | |
| Edwardsiana stehliki LAUTERER 1958 | G | |
| Eupterycyba jucunda (Herrich-Schäffer 1837) | G | ·········· |
| Linnavuoriana decempunctata (FALLÉN 1806) | G | |
| Linnavuoriana intercedens (LINNAVUORI 1949) | G | |
| Linnavuoriana sexmaculata (HARDY 1850) | G/M | |
| Ribautiana debilis (Douglas 1876) | G | |
| Ribautiana scalaris (RIBAUT 1931) | G | |
| Ribautiana tenerrima (HERRICH-SCHÄFFER 1834) | G/M G* | NACT (1007) |
| Ribautiana cruciata (RIBAUT 1931) | | Nast (1987) |
| Ribautiana ulmi (LINNAEUS 1758) | G/M G/M | |
| Typhlocyba quercus (FABRICIUS 1777) | G/M | |
| Typhlocyba (Zonocyba) bifasciata Вонемам 1851 Eurhadina concinna (Germar 1831) | G | |
| Eurhadina kirschbaumi Wagner 1937 | G | |
| Eurhadina pulchella (FALLÉN 1806) | G/M | |
| Eurhadina ribauti Wagner 1935 | G | |
| Editidulia Huduti VVAUNEK 1333 | <u> </u> | |

| Art | Nachweis | Bemerkung |
|--|-------------|--------------------------|
| Eurhadina saageri WAGNER 1937 | <u> </u> | |
| Eurhadina untica DiaBola 1967 | G | |
| Eupteryx aurata (LINNAEUS 1758) | G/M | |
| Eupteryx atropunctata (GOEZE 1778) | G/M | |
| Eupteryx origani Zachvatkın 1948 | G | |
| Eupteryx austriaca (METCALF 1968) | G | |
| Eupteryx heydenii (Kirschbaum 1868) | G | |
| Eupteryx Ielievrei (LETHIERRY 1874) Eupteryx signatipennis (BOHEMAN 1847) | G | |
| Eupteryx adspersa (Herrich-Schäffer 1838) | G | |
| Eupteryx auspersa (FERRICH-SCHAFFER 1636) | G/M | |
| Eupteryx calcarata Ossiannilsson 1936 | G G | |
| Eupteryx cyclops Matsumura 1906 | G | |
| Eupteryx immaculatifrons (Kirschbaum 1868) | М | |
| Eupteryx collina (FLOR 1861) | G | |
| Eupteryx florida RIBAUT 1936 | G/M | |
| Eupteryx decemnotata Rey 1891 | G/M | |
| Eupteryx curtisii FLor 1861 | G | |
| Eupteryx melissae Curtis 1837 | G | |
| Eupteryx zelleri (Kırschbaum 1868) | G* | Nast (1987) |
| Eupteryx vittata (Linnaeus 1758) | G/M | 1431 (1567) |
| Eupteryx notata Curtis 1937 | G/M | |
| Eupteryx filicum (Newman 1853) | G* | Nast (1987) |
| Wagneripteryx germari (ZETTERSTEDT 1840) | G | 11251 (1307) |
| Aguriahana pictilis (STAL 1853) | G* | Nast (1987) |
| Aguriahana stellulata (Burmeister 1841) | G | 10/15/ (1507) |
| Zyginella pulchra Löw 1885 | G/M | |
| Alnetoidia alneti (DAHLBOM 1850) | G/M | |
| Hauptidia distinguenda (Kırschbaum 1868) | G | |
| Zyginidia alpicola (Секитті 1939) | G | |
| Zyginidia cornicula Meusnier 1982 | G | |
| Zyginidia mocsaryi (Horvath 1910) | G | |
| Zyginidia pullula (BOHEMAN 1845) | G | |
| Zyginidia scutellaris (HERRICH-SCHÄFFER 1838) | G/M | sensu Ribaut 1936 |
| Zygina lunaris (Mulsant & Rey 1855) | M/G | |
| Zygina rhamni (FERRARI 1882) | G | |
| Flammigeroidia (Zygina) angusta LETHIERRY 1874 | G/M | |
| Flammigeroidia (Zygina) flammigera (GEOFFROY 1785) | G/M | |
| Flammigeroidia (Zygina) ordinaria (RIBAUT 1936) | G | |
| Flammigeroidia (Zygina) suavis REY 1891 | G | sensu Ossiannilsson 1981 |
| Flammigeroidia (Zygina) tiliae (FALLÉN 1806) | G | |
| Flammigeroidia (Zygina) schneideri (Günthart 1974) | G | |
| Flammigeroidia (Zygina) rosincola (CERUTTI 1939) | G | |
| Flammigeroidia (Zygina) griseombra REMANE 1994 | G/M_ | |
| Flammigeroidia (Zygina) discolor Horváth 1897 | G* | Nast (1987) |
| Hypericiella (Zygina) hyperici (Herrich-Schäffer 1836) | G/M | |
| Arboridia parvula (BOHEMAN 1845) | G | |
| Arboridia erecta (RIBAUT 1931) | G/M_ | |
| Arboridia ribauti (Ossiannilsson 1937) | G/M | |
| Arboridia velata (RIBAUT 1952) | G/M | |
| Arboridia spathulata (RIBAUT 1931) | G | |
| Fruticidia bisignata (MULSANT & REY 1855) | G | |
| Fieberiella florii (STAL 1864) | G/M | |
| Fieberiella bohemica DLABOLA 1965 | G | |
| Synophropsis lauri (Horváth 1897) | M / G* | |
| Grypotes puncticollis (HERRICH-SCHÄFFER 1834) | G | |
| Grypotes staurus Ivanoff 1885 | G* | |
| Goniagnathus brevis (HERRICH-SCHÄFFER 1835) | G | |
| Japananus hyalinus (Osborn 1900) | <u>M/G*</u> | |
| Opsius stactogalus FIEBER 1866 | G (M | forms |
| Neoaliturus fenestratus (Herrich-Schäffer 1834) | G/M | forma guttulatus |

| Neoaliturus (Circulfrey haematoceps (Mulsuant & Ref 1855) M Balclutha punctata (Faseaus 1775) G / M Sensu WAGNER 1939 G Balclutha punctata (Faseaus 1775) G / M Sensu WAGNER 1939 G Balclutha saltuella (Kischaum 1868) G Macrosteles alpinus (Eritestrot 1828) G Macrosteles faminus (Pauri 1927) G / M Macrosteles faminus (Pauri 1927) G / M Macrosteles fiberi (Evonago 1889) G Macrosteles fiberi (Evonago 1889) G Macrosteles fiberi (Evonago 1889) G Macrosteles fornatia (Scott 1875) G Macrosteles fornatia (Scott 1875) G Macrosteles fornatia (Scott 1875) G Macrosteles Jaevis (Reaut 1927) G / M Macrosteles Jaevis (Reaut 1927) G / M Macrosteles osciannilisoni Linobera 1954 G Macrosteles osciannilisoni Linobera 1954 G Macrosteles osciannilisoni Linobera 1954 G Macrosteles synderipunctulatus (Kirschaum 1868) G / M Macrosteles synderipunctulatus (Kirschaum 1868) G / M Macrosteles synderipunctulatus (Kirschaum 1866) G / M Macrosteles synderipunctulatus (Kirschaum 1806) G / M Macrosteles punctifrons (Fauth 1806) G / M Macrosteles windigriseus (Eowanos 1922) G Macrosteles punctifrons (Fauth 1826) G / M M Macrosteles vindigriseus (Eowanos 1922) G Macrosteles vindigriseus (Eowanos 1939) G Macrosteles vindigriseus (Eowanos 1932) G Macrosteles vindigr | Art | Nachweis | Bemerkung |
|--|--|-----------------|----------------------------|
| Balclutha punctata (FABROUS 1775) G / M SENSU WAGHER 1939 Balclutha Arbenara WAGHER 1939 G Balclutha Arbenara WAGHER 1939 G Balclutha Arbenara WAGHER 1939 G Macrosteles Japinus (ECTERESTED 1828) G Macrosteles Japinus (ECTERESTED 1828) G Macrosteles Frontalis (SCOTT 1875) G Macrosteles Invalis (SCOTT 1875) G Macrosteles Invalis (SCOTT 1875) G Macrosteles Invalis (SCOTT 1875) G Macrosteles | Neoaliturus (Circulifer) haematoceps (Muisant & Rey 1855) | - - | |
| Balclutha saltuella (KIRSCHBAUM 1868) Galclutha saltuella (KIRSCHBAUM 1868) GACCOSTELES chistus (REMANT 1927) G / M Macrosteles chistus (REMANT 1927) G / M Macrosteles frontalis (SCOTT 1875) G Macrosteles frontalis (SCOTT 1875) G Macrosteles frontalis (SCOTT 1875) G Macrosteles havely (WAGNER 1935) G Macrosteles havely (WAGNER 1935) G Macrosteles havely (REMANT 1927) G / M Macrosteles havely (REMANT 1927) G / M Macrosteles havely (REMANT 1927) G / M Macrosteles naculosus (THEN 1897) G Macrosteles osaismilissoni LINGRERA 1954 G Macrosteles osaismilissoni LINGRERA 1954 G Macrosteles symbolis (REMANT 1806) G / M Macrosteles spetemnotatus (FALIEN 1806) G / M Macrosteles septemnotatus (FALIEN 1806) G / M Macrosteles variatus (FAL | | + | sensu Wagner 1939 |
| Balciutha saltuella (Kirschraum 1868) G Macrosteles alpinus (Zettrestrot 1828) G Macrosteles fapinus (Settrestrot 1828) G Macrosteles fieberi (Eowards 1889) G Macrosteles froberi (Eowards 1889) G Macrosteles frontalis (Scott 1875) G Macrosteles horvathi (Whadren 1935) G Macrosteles horvathi (Whadren 1935) G Macrosteles horvathi (Whadren 1937) G / M Macrosteles averis (Raun 1927) G / M Macrosteles averis (Raun 1927) G / M Macrosteles quadripunctulatus (Kirschraum 1868) G / M Macrosteles quadripunctulatus (Kirschraum 1868) G / M Macrosteles septemnotatus (Fallen 1806) G Macrosteles variatus (Fallen 1806) G G Macrosteles variatus (Fallen 1806) G G Macrosteles variatus (Fallen 1806) G G Macrosteles viridigriseus (Eowards 1922) G G Sagatus punctifrons (Raulen 1826) G / M Macrosteles viridigriseus (Eowards 1922) G G Sagatus punctifrons (Fallen 1826) G / M Deltocephalus maculiceps Bonetham 1847 G G Deltocephalus maculiceps Bonetham 1847 G G Deltocephalus maculiceps Bonetham 1847 G G Deltocephalus maculiceps Bonetham 1849 G G / M Recilia coronifera (Mhashau, 1866) G / M Recilia coronifera (Mhashau, 1866) G / M Recilia coronifera (Mhashau, 1866) G / M Recilia schmidgeni (Whadren 1939) G G Doratura exilis Horvath 1903 G G Doratura stylata (Boheman 1847) G / M Doratura stylata (Boheman 1847) G / M Doratura stylata (Boheman 1847) G / M Deltocephalus machaus (De Geer 1773) G G Platymetopius undatus (De Geer 1773) G G Platymetopius modatus (Peren 1874) G G Platymetopius modatus (Peren 1875) G G Platymetopius modatus (Peren 1875) G G Platymetopius modatus (Peren 1877) G G Platymetopius peren peren peren peren peren peren peren peren peren pere | | - | 50135 1776121 |
| Macrosteles alpinus (ZETTESTED 1828) G Macrosteles Cristatus (Reaun 1927) G / M Macrosteles (Ebeber) (Ebwasso 1889) G Macrosteles frontalis (Scorn 1875) G Macrosteles frontalis (Scorn 1875) G Macrosteles horvathi (Wagnes 1935) G Macrosteles havevis (Reaun 1927) G / M Macrosteles naculosus (Trein 1897) G Macrosteles maculosus (Trein 1897) G Macrosteles alevis (Reinaun 1927) G / M Macrosteles vasiannissoni Luberate 1954 G G Macrosteles septemnotatus (Reinaun 1868) G / M Macrosteles septemnotatus (Reinaun 1868) G / M Macrosteles variatus (Scallen 1806) G / M Macrosteles variatus (Scallen 1806) G / M Macrosteles variatus (Scallen 1806) G G / M Macrosteles variatus (Scallen 1806) G G / M Macrosteles variatus (Ebwasso 1922) G G Sagatus punctifrons (Fallen 1806) G / M Macrosteles variatus (Reinaun 1824) G / M Deltocephalus maculiceps Boheman 1847 G D Deltocephalus pulicaris (Fallen 1806) G / M Recilia schmidtgeni (Wagnes 1939) G G Derotura exilis Honvárn 1903 G G Doratura stylata (Boheman 1847) G / M Chiasmus conspurcatus (Prens 1857) G G Scaphoideus trianus Ball 1932 G G Playmetopius undatus (De Gere 1773) G G Scaphoideus trianus Ball 1932 G G Playmetopius undatus (De Gere 1773) G G Scaphoideus trianus Ball 1932 G G Playmetopius undatus (Renze 1799) G G Colladonus cruentatus (Ranze 1799) G G Colladonus cruentatus (Ranze 1799) G G Colladonus trianus Ball 1932 G G Alfygus maculatus (Renze 1882) G G Alfygus maculatus (Renze 1897) G G Al | | + | |
| Macrosteles cristatus (Ranut 1927) G / M Macrosteles frieberi (Ebwaros 1889) G Macrosteles frontalis (Scort 1875) G Macrosteles frontalis (Scort 1875) G Macrosteles horvathi (Wacser 1935) G Macrosteles naculosus (Reman 1927) G / M Macrosteles maculosus (Reman 1927) G Macrosteles ossiannilssoni Linoerec 1954 Macrosteles ossiannilssoni Linoerec 1954 Macrosteles ossiannilssoni Linoerec 1954 Macrosteles esptemnotatus (Fauter 1806) G Macrosteles esptemnotatus (Fauter 1806) G / M Macrosteles esptemnotatus (Fauter 1806) G G Macrosteles esptemnotatus (Fauter 1806) G G Macrosteles esptemnotatus (Fauter 1806) G G Macrosteles viridigriseus (Ebwaros 1922) G G Sagatus punctifrons (Fauter 1806) G / M Deltocephalus punctifrons (Fauter 1806) G / M Macrosteles viridigriseus (Ebwaros 1922) G G Sagatus punctifrons (Fauter 1806) G / M Macrosteles viridigriseus (Ebwaros 1922) G G M Macrosteles viridigriseus (Ebwaros 1939) G G Macrosteles viridigriseus (Macrosteles 1930) G G Macrosteles viridigr | | + | |
| Macrosteles fieberi (Epwards 1889) Macrosteles frontalis (Scort 1875) G Macrosteles horvatis (Nachera 1935) G Macrosteles laevis (Ribaut 1927) Macrosteles laevis (Ribaut 1927) Macrosteles laevis (Ribaut 1927) Macrosteles saevis (Ribaut 1927) Macrosteles gescianniissoni Linderral 1897) Macrosteles quadripunctulatus (Nischraum 1868) Macrosteles quadripunctulatus (Nischraum 1868) Macrosteles sexnotatus (Falletin 1806) Macrosteles sexnotatus (Falletin 1806) Macrosteles variatus maculiceps Bohtman 1847 G Deltocephalus maculiceps Bohtman 1847 G Deltocephalus pulicaris (Falletin 1806) G / M Recilia coronifera (Marshau 1866) G / M Recilia schmidtgeni (Wagner 1939) G Doratura stylata (Bohtman 1847) G / M Chiasmus conspurcatus (Pereis 1857) G Scaphoideus tilanus Baul 1932 G Platymetopius undatus (De Gera 1773) G Platymetopius undatus (De Gera 1773) G Platymetopius undatus (De Gera 1773) G Colladonus torneellus (Zettersten 1988) G Colladonus torneellus (Zettersten 1882) G Allygus mixtus (Farran 1882) G Allygus mixtus (Farran 1882) G Allygus mixtus (Farran 1882) G Allygus modestus Scott 1876 G Allygus modestus Scott 1879 G Allygus | | + | |
| Macrosteles frontalis (Scorr 1875) G Macrosteles harvathi (Washer 1935) G Macrosteles harvathi (Washer 1935) G Macrosteles haevis (Reaun 1927) G / M Macrosteles maculosus (Then 1897) G Macrosteles maculosus (Then 1897) G Macrosteles quadripunctulatus (Rescheaum 1868) G / M Macrosteles quadripunctulatus (Rescheaum 1868) G / M Macrosteles septemnotatus (Fauth 1806) G Macrosteles septemnotatus (Fauth 1806) G M Macrosteles variatus (Fauth 1806) G M Macrosteles variatus (Fauth 1806) G M Macrosteles variatus (Fauth 1806) G M Macrosteles viridigriseus (Ebwarbs 1922) G G Sagatus punctifrons (Fauth 1826) G / M Deltocephalus maculiceps Boheman 1847 G G M Deltocephalus maculiceps Boheman 1847 G G M Deltocephalus pulicaris (Fauth 1806) G / M Recilia schmidtgeni (Washer 1939) G G M Recilia schmidtgeni (Washer 1939) G G M Recilia schmidtgeni (Washer 1939) G G Doratura stylata (Boheman 1847) G / M Chiasmus conspurcatus (Perens 1857) G G C C G G G M Recilia schmidtgeni (Washer 1932) G G M Platymetopius undatus (De Geen 1773) G M Platymetopius undatus (Perens 1857) G G C G G G G G G G G G G G G G G G G | | + | |
| Macrosteles horvathi (Wagner 1935) G Macrosteles laevis (Renauti 1927) G / M Macrosteles navulosus (Then 1897) G Macrosteles ossiannilssoni Linoberen 1954 G Macrosteles spetermotatus (Kallen 1806) G G Macrosteles variatus (Fallen 1806) G M Macrosteles variatus (Fallen 1806) G M Macrosteles variatus (Fallen 1826) G / M Macrosteles variatus (Fallen 1826) G / M Macrosteles viridigriseus (Enwands 1922) G G Sagatus punctifrons (Fallen 1826) G / M Deltocephalus maculiceps Boheman 1947 G G Deltocephalus pulicaris (Fallen 1806) G / M Recilia coronifera (Masshall 1866) G / M Recilia coronifera (Masshall 1866) G / M Recilia schmidtgeni (Wagner 1939) G G Doratura atkils Honvahi 1903 G G Doratura atkils Honvahi 1903 G G Doratura stylata (Boheman 1847) G / M Chiasmus conspurcatus (Pereni 1857) G S Scaphoideus titanus Ball 1932 G G Platymetopius undatus (De Ger 1773) G G Platymetopius major (Kirschealum 1868) G / M* Idiodonus cruentatus (Panzer 1799) G C Olladonus torneellus (Zettestele 1828) G L Lamprotettix fuscovenosus (Ferrani 1882) G G Allygus mixtus (Fanzelus 1794) G G Allygus mixtus (Fanzelus 1794) G G Allygus modestus Scotti 1876 G G Allygus productius (Fanzelus 1892) G G Gradula protivis (Fanzelus 1892) G G Gradula protivis (Fanzelus 1893) G G G G G G G G G G G G G G G G G G G | | | |
| Macrosteles laevis (Ribaut 1927) G / M Macrosteles maculosus (Tieta 1897) G Macrosteles maculosus (Tieta 1897) G Macrosteles sexiannilisoni Linderen 1954 G Macrosteles sexiannilisoni Linderen 1954 G Macrosteles sexiannilisoni Linderen 1954 G Macrosteles sexiannilisoni Linderen 1956 G Macrosteles sexiatus (Faulen 1806) G M Macrosteles sexiatus (Faulen 1806) G M Macrosteles variatus macruliceps Boheman 1847 G Deltocephalus maculiceps Boheman 1847 G Deltocephalus maculiceps Boheman 1847 G M Recilia schmidtgeni (Wagner 1939) G M Doratura skylat (Boheman 1847) G M Chiasmus conspurcatus (Perris 1857) G Scaphoideus titanus Baul 1932 G Platymetopius undatus (Peeris 1857) G Scaphoideus titanus Baul 1932 G Platymetopius major (Kirschbaum 1868) G / M* Idiodonus cruentatus (Perris 1899) G Colladonus torneellus (Certiserster 1828) G M Lamprotettix nitidulus (Farris 1794) G G G Colladonus torneellus (Certis 1794) G G G G G G G G G G G G G G G G G G G | | G | |
| Macrosteles ossiannilssoni Lindberg 1954 Macrosteles quadripunctulatus (Kirschaum 1868) G / M Macrosteles sexpetmonatus (Faulen 1806) Macrosteles sexpetmonatus (Faulen 1806) Macrosteles variatus (Faulen 1806) G / M Deltocephalus muculiceps Boheman 1847 G / M Deltocephalus pulicaris (Faulen 1806) G / M Recilia coronifera (Marshall 1866) G / M Recilia coronifera (Marshall 1866) G / M Recilia schmidtgeni (Wacner 1939) G / M Doratura exilis Horavian 1903 G / M Chiasmus conspurcatus (Perris 1857) G / M Chiasmus conspurcatus (Perris 1857) G / M Chiasmus conspurcatus (Perris 1857) G / M Platymetopius undatus (De Gerri 1773) G / M Platymetopius undatus (De Gerri 1773) Platymetopius major (Kirschaum 1868) G / M* Idiodonus cruentatus (Penris 1879) G / Colladonus torneellus (Zettrestret 1828) G / Colladonus torneellus (Zettrestret 1828) G / Allygus momutus (Farricus 1794) Allygus communis Ferrari 1882 G / Allygus maculatus Ribaru 1948 G / Allygus maculatus Ribaru 1948 G / Allygus maculatus Ribarus 1794) G / M Minallygus Istenierus (Farricus 1872) G / M Moestus Scorn 1876 G / M Minallygus Istenierus (Karschaum 1868) G / M Minallygus Istenierus (Karschaum 1868) G / M Minallygus Istenierus (Karschaum 1868) G / M Firmana sulphurella (Zettrestre 1838) G / M | | G/M | |
| Macrosteles ossiannilssoni Lindberg 1954 Macrosteles quadripunctulatus (Kirschaum 1868) G / M Macrosteles sexpetmonatus (Faulen 1806) Macrosteles sexpetmonatus (Faulen 1806) Macrosteles variatus (Faulen 1806) G / M Deltocephalus muculiceps Boheman 1847 G / M Deltocephalus pulicaris (Faulen 1806) G / M Recilia coronifera (Marshall 1866) G / M Recilia coronifera (Marshall 1866) G / M Recilia schmidtgeni (Wacner 1939) G / M Doratura exilis Horavian 1903 G / M Chiasmus conspurcatus (Perris 1857) G / M Chiasmus conspurcatus (Perris 1857) G / M Chiasmus conspurcatus (Perris 1857) G / M Platymetopius undatus (De Gerri 1773) G / M Platymetopius undatus (De Gerri 1773) Platymetopius major (Kirschaum 1868) G / M* Idiodonus cruentatus (Penris 1879) G / Colladonus torneellus (Zettrestret 1828) G / Colladonus torneellus (Zettrestret 1828) G / Allygus momutus (Farricus 1794) Allygus communis Ferrari 1882 G / Allygus maculatus Ribaru 1948 G / Allygus maculatus Ribaru 1948 G / Allygus maculatus Ribarus 1794) G / M Minallygus Istenierus (Farricus 1872) G / M Moestus Scorn 1876 G / M Minallygus Istenierus (Karschaum 1868) G / M Minallygus Istenierus (Karschaum 1868) G / M Minallygus Istenierus (Karschaum 1868) G / M Firmana sulphurella (Zettrestre 1838) G / M | | G | |
| Macrosteles septemonatus (FALLEN 1806) G Macrosteles sexnotatus (FALLEN 1806) G / M Macrosteles sexnotatus (FALLEN 1806) G Macrosteles viridigriseus (EDWARDS 1922) G S Macrosteles viridigriseus (EDWARDS 1922) G S Macrosteles viridigriseus (EDWARDS 1922) G S Sagatus punctifrons (FALLEN 1826) G / M Deltocephalus pulicaris (FALLEN 1806) G / M P Deltocephalus pulicaris (FALLEN 1806) G / M Recilia coronifera (MARSHALL 1866) G / M Recilia coronifera (MARSHALL 1866) G / M Recilia coronifera (MARSHALL 1866) G / M Recilia schmidtgeni (WAGNER 1939) G Doratura stylata (Boheman 1847) G / M Chiasmus conspurcatus (PERRS 1857) G S Scaphoideus titanus BALL 1932 G P Macrosteles titanus BALL 1934 G P M Macrosteles titanus BALL 1934 G P M P Macrosteles titanus BALL 1935 G P M M P Macrosteles Titanus P Macrosteles Titanus P Macrosteles Titanus P Macroste | | G | |
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| Macrosteles sexnotatus (FALLEN 1806) G Macrosteles variatus (FALLEN 1806) G Macrosteles variatus (FALLEN 1806) G Macrosteles variatus (FALLEN 1826) G Macrosteles variatus (FALLEN 1826) G M Macrosteles variatus (FALLEN 1826) G M M Deltocephalus maculiceps Boheman 1847 G Deltocephalus pulicaris (FALLEN 1806) G / M Recilia coronifera (MARSHAL 1866) G / M Recilia coronifera (MARSHAL 1866) G / M Recilia schmidtgeni (WAGNER 1939) G Doratura exilis Horwahn 1903 G G G G G G G G G G G G G G G G G G G | | G | |
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| | Mocydiopsis attenuata (GERMAR 1821) | G | sensu Ribaut 1939 |
| Hesium domino (REUTER 1880) | Speudotettix subfusculus (FALLÉN 1806) | G | |
| | Hesium domino (REUTER 1880) | G | |

| Thamnotettix confinis ZETTERSTEDT 1840 G Thamnotettix dilutior (KIRSCHBAUM 1868) G / M Pithyotettix abietinus (FALLÉN 1806) G Perotettix pictus (LETHIERRY 1880) G Colobotettix morbillosus (MELICHAR 1896) G Macustus grisescens (ZETTERSTEDT 1828) G | |
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| Pithyotettix abietinus (FALLÉN 1806) G Perotettix pictus (LETHIERRY 1880) G Colobotettix morbillosus (MELICHAR 1896) G | |
| Perotettix pictus (Lethierry 1880) G Colobotettix morbillosus (Melichar 1896) G | |
| Colobotettix morbillosus (MELICHAR 1896) G | |
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| Macustus grisescens (Zetterstedt 1828) G | |
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| Athysanus argentarius METCALF 1955 G / M | |
| Stictocoris picturatus (C. SAHLBERG 1842) M | |
| Ophiola decumana (Kontkanen 1949) G / M | |
| Ophiola russeola (FALLÉN 1826) G | |
| Limotettix striola (FALLÉN 1806) G | |
| Euscelidius variegatus (Kirschbaum 1858) M / G* | |
| Conosanus obsoletus (Kirschbaum 1858) G | |
| Euscelis incisus (KIRSCHBAUM 1858) G / M | ··· |
| Euscelis ohausi WAGNER 1939 G | |
| Sotanus thenii (Lōw 1885) G | |
| Streptanus aemulans (KIRSCHBAUM 1868) G | |
| Streptanus confinis (REUTER 1880) G | |
| Streptanus sordidus (ZETTERSTEDT 1828) G / M | |
| Artianus interstitialis (GERMAR 1821) G / M | |
| Paralimnus phragmitis (BOHEMAN 1847) G | |
| Metalimnus formosus (BOHEMAN 1845) G | |
| Arocephalus longiceps (Kirschbaum 1868) G | |
| Arocephalus languidus (FLOR 1861) G | |
| Arocephalus grandii Servadei 1972 G | |
| Arocephalus punctum (FLOR 1861) G | |
| Psammotettix alienus (DAHLBOM 1850) G / M | |
| Psammotettix cephalotes (HERRICH-SCHÄFFER 1834) G Psammotettix confinis (DAHLBOM 1850) G / M | |
| | |
| Psammotettix helvolus (Kirschbaum 1868) - Gruppe G Psammotettix nardeti Remane 1965 G | |
| Psammotettix nodosus (RIBAUT 1925) G / M | |
| Psammotettix riodosus (RIBAUT 1925) G 7 WI Psammotettix poecilus (FLOR 1861) G | |
| Psammotettix provincialis (RIBAUT 1925) G* | <u> </u> |
| Ebarrius interstinctus (FIEBER 1869) G | |
| Ebarrius cognatus (FIEBER 1869) G | |
| Adarrus multinotatus (Boheman 1847) G / M | |
| Adarrus ernesti Günthart 1985 G | |
| Adarrus exornatus RIBAUT 1952 G | |
| Errastunus ocellaris (FALLÉN 1806) G / M | |
| Turrutus socialis (FLOR 1861) G | |
| Jassargus pseudocellaris (FLOR 1861) G | |
| Jassargus obtusivalvis (KIRSCHBAUM 1868) G / M | |
| Jassargus repletus (FIEBER 1869) G | |
| Jassargus flori (FIEBER 1869) | |
| Jassargus alpinus (THEN 1896) G | |
| Jassargus bisubulatus (THEN 1896) G | |
| Jassargus bobbicola Schulz 1976 G | |
| Jassargus allobrogicus (RIBAUT 1936) G | |
| Jassargus sursumflexus (Then 1902) G | |
| Diplocolenus bohemani (ZETTERSTEDT 1840) G | |
| Verdanus abdominalis (FABRICIUS 1803) G | |
| Verdanus hardei Dlabola 1980 G | |
| Verdanus nigrifrons (Kirschbaum 1868) G | |
| Arthaldeus pascuellus (FALLÉN 1826) G / M | |
| Arthaldeus striifrons (Kirschbaum 1868) M | |
| Sorhoanus assimilis (FALLÉN 1806) G | |
| Sorhoanus schmidti (Wagner 1939) G | |
| Sorhoanus xanthoneurus (FIEBER 1869) G | |
| COMPANY AND | - |
| Cosmotettix costalis (FALLÉN 1826) G | |

Zusammenfassung

wahrscheinlich ist.

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- Wir präsentieren eine vorläufige Checklist der Zikaden der Schweiz; sie umfasst 422 Arten und 10 weitere grenznah gefundene Taxa, deren Vorkommen in der Schweiz sehr
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